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## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

02-120372

(43) Date of publication of application: 08.05.1990

(51)Int.CI.

C09D 5/14

C09D 5/02

(21)Application number : **63-272655** 

(71)Applicant: KAO CORP

(22) Date of filing:

28.10.1988

(72)Inventor: IWASAKI TETSUHARU

**HIOKI YUICHI** 

MITOBE HIROYUKI

## (54) MILDEWPROOFING COATING COMPOSITION

### (57) Abstract:

counter ion of the quat, ammonium salt of formula I

include residues of dodecylbenzenesulfonic acid and lauric

$$\begin{bmatrix} R & & & & \\ & & &$$

#### LEGAL STATUS

acid.

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

- ANSWER I OF 2 HCAPLUS COPYRIGHT 2001 ACS IN 1990:554360 HCAPLUS
- DN 113:154360
- TI Microbicidal coating compositions containing quaternary ammonium salts
- IN Iwasaki, Tetsuharu; Hioki, Yuichi; Mitobe, Hiroyuki
- PA Kao Corp., Japan
- SO Japan Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF
- DT Patent
- LA Japanese
- FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02120372	A2	19900508	JP 1988-272655	19881028
	JP 2582418	B2	19970219		

OS MARPAT 113:154360

The title compns., having prolonged microbicidal effects, comprise synthetic resin emulsions and quaternary ammonium compds. R1N+R2R3R4 X-(|1 of R1-3 = C8-30 alkyl or alkenyl with the remainder being = Me, Et, CH2Ph, or 4-pyridylmethyl; R4 = Me, Et; X = anion of acid having C|7 hydrophobic group). A fungicidal coating composition contained TiO2 23.4, CaCO3 13.7, clay 6.3, ethylene glycol 1.8, diisobutylene-maleic anhydride copolymer salt 0.5, H2O 13.0, hydroxyethyl cellulose 13.5, acrylic-styrene copolymer emulsion 23.3, defoamer 0.05, and didecyldimethylammonium dodecylbenzenesulfonate 0.5 part.